

Title (en)
LOW POWER CONSUMPTION IMPLANTABLE PRESSURE SENSOR

Title (de)
IMPLANTIERBARER DRUCKMESSER MIT NIEDRIGEM ENERGIEVERBRAUCH

Title (fr)
CAPTEUR DE PRESSION IMPLANTABLE À FAIBLE CONSOMMATION D'ÉNERGIE

Publication
EP 2997890 A1 20160323 (EN)

Application
EP 15182309 A 20021128

Priority
• US 37872502 P 20020507
• EP 02807395 A 20021128

Abstract (en)
An apparatus for placement in a patient, comprising: an electronic device; a pressure-transducing substance; and a hollow casing, comprising a wall, a portion of which wall defines one or more holes therethrough, inside which casing the electronic device and the pressure-transducing substance are disposed, the casing being configured to facilitate flow of some of the pressure-transducing substance out of the one or more holes when the casing is being filled with the pressure-transducing substance.

IPC 8 full level
A61B 5/02 (2006.01); **A61B 5/0215** (2006.01); **A61B 5/03** (2006.01); **A61B 5/20** (2006.01); **A61B 5/00** (2006.01); **A61B 5/145** (2006.01)

IPC 8 main group level
A61B (2006.01)

CPC (source: EP)
A61B 5/0215 (2013.01); **A61B 5/205** (2013.01); **A61B 5/6874** (2013.01); **A61B 5/0031** (2013.01); **A61B 5/145** (2013.01)

Citation (applicant)
• US 6248083 B1 20010619 - SMITH LEIF [SE], et al
• US 5969591 A 19991019 - FUNG CLIFFORD D [US]
• US 5566680 A 19961022 - URION KENARD E [US], et al
• US 5522266 A 19960604 - NICHOLSON WARREN B [US], et al
• US 5184619 A 19930209 - AUSTIN SANDOR [US]
• US 4873986 A 19891017 - WALLACE WILLIAM D [US]
• US 4825876 A 19890502 - BEARD ROBERT W [US]
• US 4407296 A 19831004 - ANDERSON KENNETH M [US]
• US 4846191 A 19890711 - BROCKWAY BRIAN P [US], et al
• US 4023562 A 19770517 - HYNCEK JAROSLAV, et al
• US 4432372 A 19840221 - MONROE PAUL P [US]
• US 6221024 B1 20010424 - MIESEL KEITH A [US]
• US 5564434 A 19961015 - HALPERIN LOUIS E [US], et al
• US 5330505 A 19940719 - COHEN TODD J [US]
• US 6238423 B1 20010529 - BARDY GUST H [US]
• US 6240316 B1 20010529 - RICHMOND FRANCES J R [US], et al
• US 6135945 A 20001024 - SULTAN HASHEM [US]
• US 4571749 A 19860225 - FISCHER ROBERT E [US]
• US 5562717 A 19961008 - TIPPEY KEITH E [GB], et al
• WO 0019939 A1 20000413 - BIO CONTROL MEDICAL LTD [IL], et al
• WO 0019940 A1 20000413 - BIO CONTROL MEDICAL LTD [IL], et al

Citation (search report)
• [XYI] US 5042495 A 19910827 - SPOTTS EDWARD L [US], et al
• [YD] US 5564434 A 19961015 - HALPERIN LOUIS E [US], et al
• [Y] US 6019729 A 20000201 - ITOIGAWA KOUICHI [JP], et al
• [L] US 2003100839 A1 20030529 - COHEN EHUD [IL], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03094693 A2 20031120; WO 03094693 A3 20051110; AU 2002356411 A1 20031111; AU 2002356411 A8 20031111;
EP 1578247 A2 20050928; EP 1578247 A4 20070321; EP 1578247 B1 20151028; EP 2997890 A1 20160323; IL 164880 A0 20051218;
IL 164880 A 20150129

DOCDB simple family (application)
IL 0200962 W 20021128; AU 2002356411 A 20021128; EP 02807395 A 20021128; EP 15182309 A 20021128; IL 16488004 A 20041027